

# MAYOWA AWOSIYAN

## PROFESSIONAL SUMMARY

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A software developer with experience in both front-end and back-end development, proficient in technologies such as React, Node.js, PostgreSQL, TypeScript, JavaScript, Python, HTML and CSS. Adept at navigating large codebases, debugging, and writing clean, maintainable code in collaborative environments. Strong computer science fundamentals include object-oriented programming, algorithms, data structures, and more. Strong communication skills demonstrated through engaging with non-technical clients to translate project requirements into functional solutions. Passionate about continuous learning and creating useful user-friendly software solutions.

## SKILLS

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**Programming Languages:** Python, Java, TypeScript, JavaScript, HTML/CSS

**Frameworks and Libraries:** Next.js, React.js, Django, Pandas, NumPy, Tailwind CSS

**Databases and Back-end Services:** SQL, PostgreSQL, Firebase, Supabase

**Tools and Technologies:** Git, GitHub, Node.js, Jest, Docker, Kubernetes, Jira

**Soft Skills:** Problem-Solving, Agile Development, Verbal Communication

## PROJECTS

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### NestSplit

2024 - Present

- Mobile application to allow households to coordinate and manage grocery lists, chores, interpersonal debts, and more.
- Developing with Flutter for the front-end and Supabase being used to handle the back-end tasks such as user authentication and data storage.

## PROFESSIONAL EXPERIENCE

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### Outlier

Remote

Software Engineer for AI Training Data

01/2025 - Present

- Evaluated AI-generated responses for accuracy and quality across topics such as mathematics, coding, and creative writing to support model improvement and training.

### Department of National Defence

Ottawa, ON, Canada

Software Developer

05/2023 - 09/2023

- Designed and enhanced a dynamic 6-page website using SQL, HTML, C#, and .NET framework, significantly improving user interaction and overall digital experience.

- Optimized backend performance by leveraging SQL, resolving complex data challenges and enabling real-time content updates, which increased data accuracy and system responsiveness by 10%.
- Improved operational efficiency by utilizing Apache NiFi to streamline data flow across systems, enabling real-time data integration and effective data management.

## **Public Services and Procurement Canada**

**Ottawa, ON, Canada**

*Software Developer*

*09/2022 - 12/2022*

- Utilized TDD (Test-Driven Development), reducing production issues by 15% and improving code reliability by developing at least three automated test cases per feature.
- Developed and maintained a web application using Django (Python), collaborating within a four-person team to ensure platform stability and performance.
- Optimized data retrieval for interactive visualizations by efficiently integrating SQL queries with API calls.
- Streamlined version control and collaboration using Git and GitHub, following best practices like feature branching and regular commits to maintain a clean, organized codebase.

## **Innovation Science and Economic Development Canada**

**Remote**

*Software Developer*

*01/2022 - 04/2022*

- Reduced production issues by 12% and increased code coverage by 23% by developing comprehensive test cases and implementing automated testing with Jest.
- Bridged user requirements and development by translating stakeholder needs into actionable tasks, improving project alignment and enhancing the usability of the final product.
- Built a high-performance front end with React, optimizing responsiveness, accessibility, and user experience for a seamless interface.

## **University of Ottawa**

**Remote**

*Software Developer*

*05/2021 - 09/2021*

- Developed a Journey Editor Software that leveraged graph structures to visually represent database connections, enhancing data navigation and analysis.
- Communicated technical progress effectively by participating in biweekly meetings with non-technical clients and stakeholders, providing updates, resolving blockers, and answering questions, leading to increased client confidence and project alignment.
- Implemented robust version control practices using Git to manage code revisions, ensuring seamless collaboration and project continuity and mitigating the risk of code loss or regression.

## **EDUCATION**

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### **University of Ottawa**

*Bachelor's, Computer Science*

- Object-Oriented Programming, Algorithm Analysis, Data Science, Data Structures, Web Development,- Technical Writing, User Design Analysis, Database Management and more.